

Title (en)

Method and system for determining Min/Max values

Title (de)

Verfahren und System zur Bestimmung von Min/Max Werten

Title (fr)

Procédé et système pour déterminer les valeurs minimum ou maximum

Publication

EP 0884673 A2 19981216 (EN)

Application

EP 98202651 A 19900501

Priority

- EP 90304738 A 19900501
- US 34760589 A 19890504
- US 34759689 A 19890504
- US 34761589 A 19890504

Abstract (en)

The instructions CRGT or CRLT involve a high speed greater-than and less-than computation which readily computes maximums and minimums when used repeatedly. The arithmetic and logic unit, ALU (21), operates coactively to compare the content of accumulator (23) to ACCB (31), by subtraction, to obtain the sign of the arithmetic difference. The greater or lesser value depending on the instruction CRGT or CRLT respectively is supplied to ACCB (31) by either storing ACC (23) to ACCB (31) or omitting to do so, depending on the state of the comparison.

IPC 1-7

G06F 9/302; **G06F 9/30**

IPC 8 full level

G01R 31/3185 (2006.01); **G06F 7/544** (2006.01); **G06F 9/30** (2006.01); **G06F 9/302** (2006.01); **G06F 9/46** (2006.01); **G06F 9/48** (2006.01); **G06F 11/267** (2006.01); **G06F 11/36** (2006.01); **G06F 11/273** (2006.01)

CPC (source: EP)

G01R 31/318536 (2013.01); **G06F 7/544** (2013.01); **G06F 9/3001** (2013.01); **G06F 9/30021** (2013.01); **G06F 9/30101** (2013.01); **G06F 9/325** (2013.01); **G06F 9/462** (2013.01); **G06F 11/2236** (2013.01); **G06F 11/3652** (2013.01); **G01R 31/318505** (2013.01); **G06F 11/2733** (2013.01)

Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0405726 A2 19910102; **EP 0405726 A3 19930825**; **EP 0405726 B1 19990303**; DE 69032964 D1 19990408; DE 69032964 T2 19990701; DE 69033997 D1 20020926; DE 69033997 T2 20030430; DE 69034028 D1 20030123; DE 69034028 T2 20031009; DE 69034059 D1 20030522; DE 69034059 T2 20040506; EP 0884673 A2 19981216; EP 0884673 A3 19990714; EP 0884673 B1 20021211; EP 0884674 A2 19981216; EP 0884674 A3 19990728; EP 0884674 B1 20030416; EP 0892344 A2 19990120; EP 0892344 A3 19990210; EP 0892344 B1 20020821; JP 3173777 B2 20010604; JP H0363826 A 19910319; JP H1196020 A 19990409; JP H1196021 A 19990409

DOCDB simple family (application)

EP 90304738 A 19900501; DE 69032964 T 19900501; DE 69033997 T 19900501; DE 69034028 T 19900501; DE 69034059 T 19900501; EP 98202650 A 19900501; EP 98202651 A 19900501; EP 98202652 A 19900501; JP 11733690 A 19900507; JP 21557998 A 19980730; JP 21558098 A 19980730